

Title (en)
CHASSIS COMPONENT IN FIBER PLASTIC COMPOSITE MONO CONSTRUCTION WITH DUROPLASTIC MATRIX MATERIAL AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
FAHRWERKSBAUTEIL IN FASERKUNSTSTOFFVERBUND-MONOBAUWEISE MIT DUROPLASTISCHEM MATRIXWERKSTOFF UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
ÉLÉMENT DE CHÂSSIS DANS UNE MONO-CONSTRUCTION DE COMPOSITE PLASTIQUE RENFORCÉ PAR DES FIBRES COMPRENANT UN MATÉRIAU MATRICIEL THERMODUCISSABLE, ET PROCÉDÉ POUR SA FABRICATION

Publication
EP 3523149 A1 20190814 (DE)

Application
EP 17771691 A 20170907

Priority
• DE 102016219303 A 20161005
• EP 2017072432 W 20170907

Abstract (en)
[origin: WO2018065165A1] The invention relates to a chassis component (100), in particular a wheel-guiding strut, in fiber plastic composite construction, which, in the case of a single-piece design with duroplastic matrix material, comprises at least one reinforcing structure (110) formed with endless fibers, at least one reinforcing structure (120) formed with short and/or long fibers, and a plurality of bearing receptacles (131, 132, 133) integrated into the reinforcing structure (110) and/or the reinforcing structure (120) for receiving bearing elements (141, 142, 143). The invention further relates to a method for producing said chassis component (100).

IPC 8 full level
B60G 7/00 (2006.01)

CPC (source: EP US)
B29C 70/50 (2013.01 - US); **B29C 70/681** (2013.01 - US); **B29C 70/84** (2013.01 - US); **B60G 7/001** (2013.01 - EP US); **B62D 7/146** (2013.01 - US); **B60G 2204/11** (2013.01 - EP); **B60G 2206/014** (2013.01 - EP); **B60G 2206/10** (2013.01 - EP); **B60G 2206/7101** (2013.01 - EP)

Citation (search report)
See references of WO 2018065165A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102016219303 A1 20180405; CN 109789746 A 20190521; CN 109789746 B 20220603; EP 3523149 A1 20190814; US 11298898 B2 20220412; US 2020094498 A1 20200326; WO 2018065165 A1 20180412

DOCDB simple family (application)
DE 102016219303 A 20161005; CN 201780060983 A 20170907; EP 17771691 A 20170907; EP 2017072432 W 20170907; US 201716339965 A 20170907